

05/29/01



Express Mail Label No. EL 853195402 US

05-30-01

Box 1/seq.

**UTILITY PATENT APPLICATION TRANSMITTAL
(Large Entity)**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
DEX-0207

Total Pages in this Submission

TO THE ASSISTANT COMMISSIONER FOR PATENTSBox Patent Application
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for invention entitled:

METHODS OF DIAGNOSING, MONITORING, STAGING, IMAGING AND TREATING COLON CANCER

and invented by:

Roberto A. Macina, Sei-Yu Chen, Jason Pluta, Yongming Sun, and Herve E. ReciponIf a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Which is a:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Which is a:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Enclosed are:

Application Elements

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 92 pages and including the following:
 - a. ☒ Descriptive Title of the Invention
 - b. ☒ Cross References to Related Applications (if applicable)
 - c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)
 - d. ☐ Reference to Microfiche Appendix (if applicable)
 - e. ☒ Background of the Invention
 - f. ☒ Brief Summary of the Invention
 - g. ☐ Brief Description of the Drawings (if drawings filed)
 - h. ☒ Detailed Description
 - i. ☒ Claim(s) as Classified Below
 - j. ☒ Abstract of the Disclosure

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Application Elements (Continued)

3. ☐ Drawing(s) *(when necessary as prescribed by 35 USC 113)*

a. ☐ Formal Number of Sheets _____

b. ☐ Informal Number of Sheets _____

4. ☒ Oath or Declaration

a. ☐ Newly executed *(original or copy)* ☒ Unexecuted

b. ☐ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*

c. ☒ With Power of Attorney ☐ Without Power of Attorney

d. ☐ DELETION OF INVENTOR(S)

Signed statement attached deleting inventor(s) named in the prior application,
see 37 C.F.R. 1.63(d)(2) and 1.33(b).

5. ☐ Incorporation By Reference *(usable if Box 4b is checked)*

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. ☐ Computer Program in Microfiche *(Appendix)*

7. ☒ Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all must be included)*

a. ☒ Paper Copy

b. ☒ Computer Readable Copy *(identical to computer copy)*

c. ☒ Statement Verifying Identical Paper and Computer Readable Copy

Accompanying Application Parts

8. ☐ Assignment Papers *(cover sheet & document(s))*

9. ☐ 37 CFR 3.73(B) Statement *(when there is an assignee)*

10. ☐ English Translation Document *(if applicable)*

11. ☐ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS Citations

12. ☐ Preliminary Amendment

13. ☒ Acknowledgment postcard

14. ☒ Certificate of Mailing

☐ First Class ☒ Express Mail *(Specify Label No.):* **EL 853195402 US**

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Accompanying Application Parts (Continued)

15. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*

16. ☒ Additional Enclosures *(please identify below):*

U.S. PTO Credit Card Payment Form
Certificate of Express Mailing

Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)

17. ☐ Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

Warning

An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

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(Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
DEX-0207

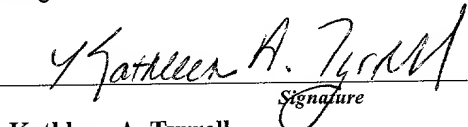
Total Pages in this Submission

Fee Calculation and Transmittal

CLAIMS AS FILED

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	14	- 20 =	0	x \$18.00	\$0.00
Indep. Claims	1	- 3 =	0	x \$80.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$710.00
OTHER FEE (specify purpose) _____					\$0.00
TOTAL FILING FEE					\$710.00

- ☐ A check in the amount of _____ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. **50-1619** as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of _____ as filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).


Kathleen A. Tyrrell
Registration No. 38,350

Dated: May 29, 2001



26259

CC:

PATENT TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: DEX-0207

Inventors: Macina et al.

Serial No.: Not yet assigned.

Filing Date: Herewith

Examiner: Not yet assigned.

Group Art Unit: Not yet assigned.

Title: METHODS OF DIAGNOSING, MONITORING,
STAGING, IMAGING AND TREATING COLON
CANCER

"Express Mail" Label No. EL 853195402 US
Date of Deposit -May 29, 2001

I hereby certify that this paper is being deposited with
the United States Postal Service "Express Mail Post Office
to Addressee" service under 37 CFR 1.10 on the date
indicated above and is addressed to the Assistant Commissioner
for Patents, Washington, D.C. 20231.

By


Kathleen A. Tyrrell, Registration No. 38,350

BOX SEQUENCE

Assistant Commissioner for Patents
Washington, D.C. 20231

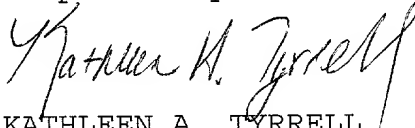
Sir:

**STATEMENT TO SUPPORT FILING AND SUBMISSION IN ACCORDANCE
WITH 37 C.F.R. §§ 1.821 THROUGH 1.825**

- (XX) I hereby state, in accordance with the requirements of 37
C.F.R. § 1.821(f), that the contents of the paper and
computer readable copies of the Sequence Listing, submitted
in accordance with 37 CFR § 1.821(c) and (e), respectively
are the same.
- () I hereby state that the submission filed in accordance with
37 CFR § 1.821(g) does not include new matter.

- () I hereby state that the submission filed in accordance with **37 CFR § 1.821(h)** does not include new matter or go beyond the disclosure in the international application as filed.
- () I hereby state that the amendments, made in accordance with **37 CFR § 1.825(a)**, included in the substitute sheet(s) of the Sequence Listing were made merely to conform with the current Sequence Listing rules. I hereby state that the substitute sheet(s) of the Sequence Listing does not include new matter.
- () I hereby state that the substitute copy of the computer readable form, submitted in accordance with **37 CFR § 1.825(b)**, is the same as the amended Sequence Listing.
- () I hereby state that the substitute copy of the computer readable form, submitted in accordance with **37 CFR § 1.825(d)**, contains identical data to that originally filed.

Respectfully submitted,



KATHLEEN A. TYRRELL
Registration No. 38,350

Date: May 29, 2001

LICATA & TYRRELL P.C.
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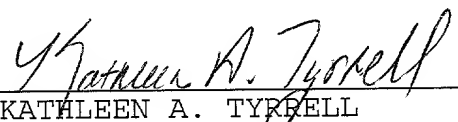
CERTIFICATE OF EXPRESS MAILING

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Date of Deposit May 29, 2001

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R 1.10 on the date indicated above and is addressed to the "BOX SEQUENCE", Assistant Commissioner for Patents, Washington, D.C. 20231.

- 1) Patent Application Transmittal Letter (2 copies);
- 2) Application consisting of 92 (ninety-two) pages of Specification, including four (4) pages of Claims, and one(1) page of Abstract;
- 3) U.S. PTO Credit Card Payment Form authorizing payment of \$710.00 for filing fee;
- 4) Unexecuted Declaration and Power of Attorney;
- 5) Statement to Support Filing and Submission in Accordance with 37 C.F.R. §§1.821-1.825;
- 6) Sequence listing;
- 7) Diskette containing computer readable copy of Sequence Listing; and
- 8) Return Postcard.


KATHLEEN A. TYRELL